EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20040067165".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/17 09:14
S2	1269	422/63.ccls.	USPAT	OR	ON	2007/01/10 16:22
S3	881	422/64.ccls.	USPAT	OR	ON	2007/01/10 16:22
S4	2195	422/100.ccls.	USPAT	OR	ON	2007/01/10 16:22
S5	0	(S2 S3 S4) and (reagent adj bottle) near seal	USPAT	OR	ON	2007/01/10 16:24
S6	7	(S2 S3 S4) and (reagent adj bottle) near (cap or cover$3)	USPAT	OR	ON	2007/01/10 16:27
S7	16	automatic near analy$4 and (reagent or sample) with (seal$4 or cover$4) near (break$4 or punctur$4 or ruptur$4)	USPAT	OR	ON	2007/01/10 16:28
S8	24	("4133642" | "4263001" | "4428673" | "4680457" | "4751184" | "4751186" | "4798095" | "4889982" | "4958064" | "5055408").PN. OR ("5176880").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/10 16:33
S9	1	"5137808".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/10 16:33
S10	12	("5051238" | "5384093" | "5439646" | "5472669" | "5587129" | "5639425").PN. OR ("5882594").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/10 16:36
S11	2	(S8 S10) and (seal$4 or cover$4 or cap$4) with (break$4 or punctur$4 or ruptur$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/10 16:38
S12	8	(US-20040067165-$).did. or (US-5137808-$ or US-5176880-$ or US-4927765-$ or US-5989499-$ or US-5055408-$ or US-5272092-$ or US-5882594-$).did.	US-PGPUB; USPAT	OR	ON	2007/01/11 14:12
S13	8	S12 and (seal$4 or break$4)	US-PGPUB; USPAT	OR	ON	2007/01/11 14:12
S14	2195	422/100.ccls.	USPAT	OR	ON	2007/01/11 14:41
S15	1269	422/63.ccls.	USPAT	OR	ON	2007/01/11 14:41
S16	881	422/64.ccls.	USPAT	OR	ON	2007/01/11 14:42

EAST Search History

S17	46	(S14 S15 S16) and (pierc$4 or break$4 or seal$4) with attachment	USPAT	OR	ON	2007/01/11 14:42
S18	381	(S14 S15 S16) and (pierc$4 or break$4 or seal$4) with (fitting or fitted or attachment or attached or attaching)	USPAT	OR	ON	2007/01/11 14:43
S19	75	(S14 S15 S16) and (pierc$4 or break$4 or seal$4) near(fitting or fitted or attachment or attached or attaching)	USPAT	OR	ON	2007/01/11 14:50
S20	203	automatic adj analy$4 and (actuator or pierc$3 or syringe or needle) with (tube or container or bottle)	USPAT	OR	ON	2007/01/11 14:53
S21	1	"5000921".pn. and actuating	USPAT	OR	ON	2007/01/11 14:53
S22	39	("4511534" | "4565100").PN. OR ("5000921").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/11 14:55
S23	5809	(pipett$4 or aspirat$4 or sampl$4) with attachment	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/11 15:01
S24	633	(pipett$4 or aspirat$4 or sampl$4) near attachment	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/11 15:01
S25	16	("3302854" | "4154795" | "4215092" | "4472357" | "4565100" | "4731225" | "4892006" | "5000921" | "5054631" | "5096672" | "5232669" | "5240679" | "5392914" | "5409127").PN. OR ("5576214").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/11 15:13
S26	1	"4731225".pn. and (seal$4 or break$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/11 15:13
S27	15	("3853217" | "4346057" | "4349109" | "4566668" | "4895706" | "4948564" | "5035866" | "5057282" | "5063790" | "5098663" | "5190727" | "5324482" | "5335481" | "5576214" | "5827745").PN. OR ("7060226").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/11 15:22
S28	8388	watanabe.in. and (seal$4 or break$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/11 15:22

S29	0	watanabe.in. and (seal$4 or break$4) and olympic.as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/11 15:22
S30	39	watanabe.in. and (seal$4 or break$4) and olympus.as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/11 15:31
S31	36	watanabe.in. and (automatic adj analy$4).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 15:35
S32	1	S31 and break$4 near seal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 15:32
S33	1	watanabe.in. and (automatic adj analy$4).ti. and (break$3 or ruptur$4 or pierc$4) near seal$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 15:36
S34	1	watanabe.in. and (automatic adj analy$4).ti. and (break$3 or ruptur$4 or pierc$4) with (seal$4 or cap or cover$3 or membrane or film or capping)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 15:36
S35	933	watanabe.in. and (break$3 or ruptur$4 or pierc$4) with (seal$4 or cap or cover$3 or membrane or film or capping)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/11 15:36
S36	377	watanabe.in. and (break$3 or ruptur$4 or pierc$4) with (seal$4 or cap or cover$3 or membrane or film or capping)	USPAT	OR	ON	2007/01/11 15:36
S37	5	watanabe.in. and (break$3 or ruptur$4 or pierc$4) with (seal$4 or cap or cover$3 or membrane or film or capping) and olympus.as.	USPAT	OR	ON	2007/01/11 15:38
S38	753	422/81.ccls.	USPAT	OR	ON	2007/01/11 15:39
S39	2195	422/100.ccls.	USPAT	OR	ON	2007/01/11 15:39
S40	34	422/100.ccls. and break$4 near seal$4	USPAT	OR	ON	2007/01/11 15:39
S41	35	422/100.ccls. and break$4 near (seal$4 or film or membrane)	USPAT	OR	ON	2007/01/11 15:54
S42	1	"4785677".pn. and (S13 or breaker)	USPAT	OR	ON	2007/01/11 15:57

EAST Search History

S43	112	(automatic or automated) near (analy$4) and (break$4 or ruptur$4 or punctur$4 or pierc$4) near (seal$4 or film or membrane or covering or cap)	USPAT	OR	ON	2007/01/11 15:59
S44	10	("4555957").PN. OR ("4785677").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/16 09:58
S45	1	"4555957".pn. and seal$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/16 10:09
S49	75	"422".clas. and pipett$4 with (pierc$4 or ruptur$4 or break$4) with (seal$4 or cover or membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/16 10:16
S50	37	"422".clas. and pipett$4 with (pierc$4 or ruptur$4 or break$4) with (seal$4 or cover or membrane)	USPAT	OR	ON	2007/01/16 10:24
S51	38	"422".clas. and (pipett$4 or automatic adj analy$4) with (pierc$4 or ruptur$4 or break$4) with (seal$4 or cover or membrane)	USPAT	OR	ON	2007/01/16 10:30
S52	3	(automatic or automated) adj (analy$4) and (pipet$4 adj probe) with (break$4 or pierc$4 or ruptur$4 or broken) with (seal$4 or membrane or cover$3 or film)	USPAT	OR	ON	2007/01/16 10:32
S53	33	(automatic or automated) adj (analy$4) and (syringe or needle or pipette or pipettor) with (break$4 or pierc$4 or ruptur$4 or broken) with (seal$4 or membrane or cover$3 or film)	USPAT	OR	ON	2007/01/16 10:32
S54	1	"5055408".pn. and seal$4	USPAT	OR	ON	2007/01/16 16:42
S55	1	"4785677".pn.	USPAT	OR	ON	2007/01/17 09:14
S56	10	("4555957").PN. OR ("4785677").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/17 09:44
S57	896	422/50.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/17 09:46
S58	1269	422/63.ccls.	USPAT	OR	ON	2007/01/17 09:46
S59	70	422/63,64.ccls. and (bottle or container or tube) near sealed	USPAT	OR	ON	2007/01/17 09:48

S60	21	422/63,64.ccls. and (bottle or container or tube) near sealed and (seal$4 or film or coat$4) with (break$4 or broken or punctur$4)	USPAT	OR	ON	2007/01/17 09:50
S61	35	422/63,64.ccls. and (bottle or container or tube) with (seal$4 or film or coat$4) with (break$4 or broken or punctur$4)	USPAT	OR	ON	2007/01/17 09:51
S62	93	("1930182" | "2256656" | "2503147" | "2584397" | "2689562" | "2855929" | "3817090" | "3900289" | "3991627" | "4038874" | "4046511" | "4080833" | "4106701" | "4123173" | "4131426" | "4143658" | "4166094" | "4180071" | "4203443" | "4210724" | "4215690" | "4235840" | "4298570" | "4340390" | "4343766" | "4363781" | "4429584" | "4475411" | "4477190" | "4478095" | "4528159" | "4577514" | "4595562" | "4647432" | "4656007" | "4662231" | "4665758" | "4669321" | "4703762" | "4715413" | "4721137" | "4788871" | "4834944" | "4841786").PN. OR ("4951512").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/17 10:01
S63	63	S62 and (punctur$4 or break$4 or broken or pierc$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/17 10:02
S64	45	S62 and (punctur$4 or break$4 or broken or pierc$4) with (container or tube or bottle or holder)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/17 10:06
S65	1475	isobe.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/17 10:06
S66	2	isobe.in. and automatic adj analyzer	US-PGPUB; USPAT	OR	ON	2007/01/17 10:09
S67	1	(automated or automatic) near analy$4 and (seal$1pierc$4)	US-PGPUB; USPAT	OR	ON	2007/01/17 10:16
S68	24	422/63,64.ccls. and stripper	US-PGPUB; USPAT	OR	ON	2007/01/17 10:26
S69	0	"422".clas. and stipper near7 pipette	US-PGPUB; USPAT	OR	ON	2007/01/17 10:26

S70	11	"422".clas. and stripper near7 pipette	US-PGPUB; USPAT	OR	ON	2007/01/17 10:39
S71	5	"422".clas. and (automatic or automated) adj analy$4 and (seal$1break$3 or seal adj break$4)	US-PGPUB; USPAT	OR	ON	2007/01/17 11:01
S72	1	"4785677".pn.	US-PGPUB; USPAT	OR	ON	2007/01/17 11:03
S73	212	watanabe.in. and olympus.as.	US-PGPUB; USPAT	OR	ON	2007/01/17 11:03
S74	22	watanabe.in. and olympus.as. and break$4	US-PGPUB; USPAT	OR	ON	2007/01/17 11:04
S75	22	watanabe.in. and olympus.as. and break$4	EPO; JPO; DERWENT	OR	ON	2007/01/17 11:05
S76	1	"5240679".pn.	EPO; JPO; DERWENT	OR	ON	2007/01/17 11:05
S77	1	"5240679".pn.	US-PGPUB; USPAT	OR	ON	2007/01/17 11:06
S78	0	"9402826"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/01/17 11:06
S79	0	"94002826"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/01/17 11:06
S80	7	"9402826"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/17 11:07
S81	2	"5270211".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/17 11:07

S82	35	(US-20040067165-$ or US-20040265173-$).did. or (US-5055408-$ or US-4927765-$ or US-5989499-$ or US-5272092-$ or US-5882594-$ or US-5176880-$ or US-5137808-$ or US-5051238-$ or US-5264182-$ or US-5576214-$ or US-5000921-$ or US-5268148-$ or US-4785677-$ or US-4731225-$ or US-7060226-$ or US-5240679-$ or US-4215092-$ or US-4816408-$ or US-5604101-$ or US-5555920-$ or US-5173741-$ or US-4764342-$ or US-4763460-$ or US-4555957-$ or US-5250440-$ or US-4066407-$).did. or (US-4951512-$ or US-4429584-$ or US-5061449-$ or US-5525302-$ or US-5270211-$).did. or (JP-11183484-$).did. or (US-5270211-$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/01/17 11:09
S83	1	S82 and mazza.in.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/01/17 11:35
S84	1	"5270211".pn. and detector	USPAT	OR	ON	2007/01/17 11:35
S85	34	("2503147" | "3641823" | "4274453" | "4475411" | "4478095" | "4539855" | "4577514" | "4624148" | "4691580" | "4713974" | "4721137" | "4737150" | "4834944" | "4927545" | "4951512" | "4961906" | "5130254" | "5163582" | "5169602").PN. OR ("5270211"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/17 12:31
S86	1	"5720211".pn. and (two or more or multi$4 or plural$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/17 12:31
S87	1	"5270211".pn. and (two or more or multi$4 or plural$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/17 12:31